



Priority Under 37 C.F.R. § 1.116  
Expedited Procedure  
Group Art Unit 2814

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE #7B M. Braun

In re PATENT APPLICATION OF

Confirmation No.: 2698

8/15/02

SHIBATA

Group Art Unit: 2814

Appln. No.: 09/493,819

Examiner: D. WILLE

Filed: January 28, 2000

Title: GROUP III NITRIDE COMPOUND

February 26, 2002

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AMENDMENT AFTER FINAL UNDER 37 C.F.R. § 1.116

Hon. Commissioner of Patents  
Washington, D.C. 20231

RECEIVED  
FEB 28 2002  
TECHNOLOGY CENTER 2800

Sir:

In response to the Office Action dated November 26, 2001, please amend the above-identified application as follows:

IN THE CLAIMS:

Please enter the following amended claims:

1. (Twice Amended) A group III nitride compound semiconductor device of a successively laminated structure comprising:

a substrate;

a buffer layer;

a first layer formed of  $In_xGa_{1-x}N$  ( $0 < x < 1$ ); and

a second layer formed of  $In_yGa_{1-y}N$  ( $0 < y < 1$ ,  $y \neq x$ );

wherein a composition ratio of In in said first layer is changed continuously or intermittently in a direction toward the second layer side from the buffer layer side so that a composition of said first layer in a face brought into contact with said second layer becomes substantially equal to a composition of said second layer; and

wherein said buffer layer is disposed between and in direct contact with both said substrate and said first layer, and said first layer is disposed between and in direct contact with both said buffer layer and said second layer.